



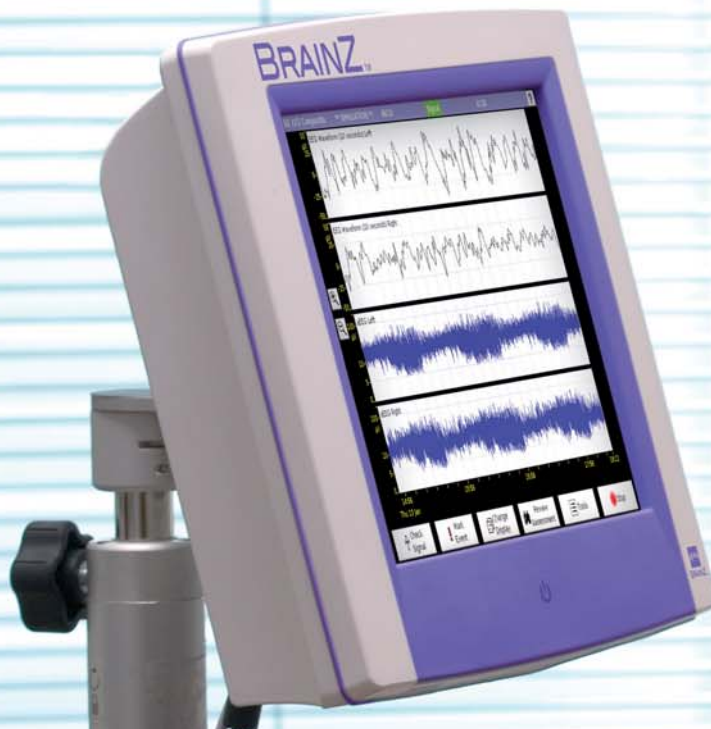
Bedside brain monitoring whenever you need it



see inside

RIGHT

Access the information that really matters



BRM3 – A dedicated 3-channel bedside brain monitor.

With the increase in perinatal survival rates, clinical focus is now on improving long term outcome. This raises issues related to neurological function and brain injury.

Monitoring neonatal cardiac function, respiratory function and thermoregulation has been standard practice for many years. The BRM3 offers you the ability to monitor brain function, allowing access to neurological information 24 hours per day.



The BRM3 can easily be applied by NICU staff whenever required, offering continuous bedside brain monitoring whenever you need it.

With 10 to 20% of neonatal cerebral injuries resulting from unilateral lesions, you can use the BRM3 to help you monitor brain function of both hemispheres and SEE BOTH SIDES.



Use your BrainZ

Why do neonatal staff from all over the world trust BrainZ?

- The BRM3 was developed in collaboration with clinical users and designed specifically for neonatal staff
- We provide comprehensive training delivered by experienced neonatal nurse specialists



Newborn Intensive Care Unit, National Womens Health, Auckland City Hospital, New Zealand

Simplicity

Ease of operation

- Intuitive navigation allows quick access to clinical information
- Continuous monitoring of sensor contact quality provides automatic data validation
- Flexible event marking indicates clinically relevant information
- Onscreen Help System provides up to date operational information
- Digital files download easily using high speed USB2.0 port
- Color printer connectivity allows high quality, long lasting images

Ease of interpretation

- Real time EEG and aEEG waveforms for both hemispheres
- Review function enables detailed examination of specific areas of a trace
- Reliable interpretation using evidence-based electrode montage

Ease of setup

- Can be applied by NICU staff whenever required, offering continuous bedside brain monitoring
- Sensor Positioning Aid for accurate sensor application



Monitor Specifications

Monitor Dimensions	(W x H x D) 13 ¾ x 11 ¼ x 3 ¾" (348 x 285 x 92 mm)
Monitor Weight	10 lb (4.54 kg)
Display	12 ¼" (307 mm) TFT LCD
Resolution	800 x 600
Roll Pole	Mobile Variable height and tilt adjustable

Displayed Parameters

Main parameters:	EEG Waveform Integrated Amplitude aEEG
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Secondary parameters:	Intensity Spectral Edge EEG Power Spectrum
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Signal reliability parameters:	Impedance AC Supply Noise
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Neonatal Sensor Set

- **Unique hydrogel layer** - adheres safely to delicate skin while providing excellent electrical contact

BrainZ CZA00006
GEHC 6600-0981-203

RecogniZe™* ...and manage seizures with confidence

R^Z^e

An automatic event detection system specifically designed for real-time use on neonates using the BRM3 3-channel bedside brain monitor.

Up to 85% of neonatal seizures are sub-clinical⁽¹⁾ or not associated with overt physical signs, making accurate recognition and subsequent treatment problematic for clinicians in the busy NICU environment.

Focus on what matters

RecogniZe improves bedside brain monitoring by identifying events that may be seizures and clinically significant.

RecogniZe works to:

- Identify regularity in EEG waveform which may correspond to seizure activity
- Highlight suspicious areas in the aEEG to alert clinicians to areas requiring review

RecogniZe gives you confidence in your aEEG interpretation, essential for optimal patient care.

(1) Bye, A. M. and D. Flanagan (1995). "Spatial and temporal characteristics of neonatal seizures." *Epilepsia* 36(10): 1009-16.

* Recognize software will be available first quarter of 2008



Sensor Adaptor Set

- **Choice and flexibility** - for alternative electrode types

BrainZ CZA00012
GEHC M1099297





BRAINZ™

For contact details refer to :



www.brainz.com